

REMARKS

The present Amendment amends claims 1, 3-7, 9, 10, 12, 14 and 15 and cancels claims 2, 8, 11 and 13. Therefore, the present application has pending claims 1, 3-7, 9, 10, 12, 14 and 15.

In paragraph 1 of the Office Action the Examiner requests Applicants to check the specification to determine the presence of all possible minor errors. The specification was checked and no amendments were deemed necessary. The Examiner is respectfully requested to point to any errors the Examiner may be aware of so that such amendments may be made to expedite prosecution of the present application.

Claims 1-15 stand rejected under 35 USC §102(e) as being anticipated by Takahashi (U.S. Patent No. 6,826,231). As indicated above, claims 2, 8, 11 and 13 were canceled. Therefore, this rejection with respect to claims 2, 8, 11 and 13 is rendered moot.

It should be noted that the cancellation of claims 2, 8, 11 and 13 was not intended nor should it be considered as an agreement on Applicants part that the features recited in claims 2, 8, 11 and 13 are taught or suggested by Takahashi or any of the other references of record whether taken individually or in combination with each other. The cancellation of claims 2, 8, 11 and 13 was simply intended to expedite prosecution of the present application.

The above noted 35 USC §102(e) rejection with respect to the remaining claims 1, 3-7, 9, 10, 12, 14 and 15 is traversed for the following reasons. Applicants submit that the features of the present invention as now recited in claims 1, 3-7, 9, 10, 12, 14 and 15 are not taught or suggested by

Takahashi whether taken individually or in combination with any of the other references of record. Therefore, Applicants respectfully request the Examiner to reconsider and withdraw this rejection.

Amendments were made to the claims to more clearly describe the features of the present invention as recited in the claims. Particularly, amendments were made to the claims to recite that the present invention is directed to a motion picture transmission method and system for transmitting a motion picture signal input from an input terminal to a plurality of video reception units, respectively, through a video transmission unit and a plurality of transmission lines, each of which has a different transmission speed.

According to the present invention the method includes generating at least Intra (I) picture data and a plurality of Predictive (P) picture data based on said motion picture signal in said video transmission unit, storing at least said I picture data and a plurality of said P picture data in a memory unit of said video transmission unit, and transmitting said I picture data and a different number of P picture data in response to different transmission speeds of a plurality of said transmission lines from said memory unit of said video transmission unit to a plurality of video reception units, respectively.

The above described features of the present invention are not taught or suggested by any of the references of record whether taken individually or in combination with each other. Particularly, the above described features of the present invention are not taught or suggested by Takahashi.

Takahashi discloses a motion picture transmission method for transmitting video data through a transmission line in which a motion picture

signal is coded in a video transmission unit including generating at least I picture data and transmitting I picture data.

In Takahashi, a bit stream representative of interlaced scanned image compression information of MPEG2 is input and another bit stream representative of progressively scanned image compression information of MPEG4 is output, that is, a bit stream of MPEG2 is input and a bit stream of MPEG4 is output. In other words, Takahashi discloses a method of conversion from MPEG2 to MPEG4.

However, the first feature of the present invention as recited in the claims is to transmit a motion picture signal to a plurality of transmission lines, each of which has a different transmission speed. Takahashi does not teach or suggest this feature of the present invention as recited in the claims.

In Takahashi, in order to achieve a low bit rate, not only compression by resolution conversion is performed, but also first fields or second fields only of I/P pictures are extracted to lower the frame rate in the temporal direction. For example, I, B, B and P pictures of MPEG2 shown in Fig. 4 are converted into the first fields of the I and P pictures by resolution and frame rate conversion. In Takahashi, the images obtained by the resolution and frame rate conversion include a number of pixels arranged in numbers of rows and columns equal to multiples of 16 so that they can be coded in accordance with picture coding method of MPEG4. As per Takahashi in col. 4, lines 30-43 thereof, in order to achieve a low bit rate, for example, I, B, B and P pictures of MPEG2 shown in Fig. 4 are converted into the first fields of the I and P pictures by resolution and frame rate conversion.

Furthermore, Takahashi discloses as illustrated in Fig. 35 a method of converting a VOP converted from an intra-frame into a P-VOP to which the present invention is applied. That is, Takahashi discloses a method of converting a VOP into a P-VOP.

However, the present invention as recited in the claims has a second feature of the present invention as described above. The second feature of the present invention is that "transmitting said I picture data and a different number of P picture data in response to said different transmission speeds of a plurality of said transmission lines from said memory unit of said video transmission unit to a plurality of video reception units, respectively." That is I picture data and a different number of P picture data are transmitted in response to a plurality of transmission speeds of a plurality of transmission lines, respectively, from a video transmission unit to a plurality of video reception units, respectively. Further, according to the present invention, I picture data and a different number of P picture data are transmitted in response to a plurality of video reception units, respectively, through the transmission lines. Accordingly, this feature of the present invention is not taught or suggested by Takahashi.

Thus, Takahashi fails to teach or suggest a motion picture transmission method and system for transmitting a motion picture signal input from an input terminal to a plurality of video reception units, respectively, through a video transmission unit and a plurality of transmission lines, each of which has a different transmission speed as recited in the claims.

Further, Takahashi fails to teach or suggest generating at least Intra (I) picture data and a plurality of Predictive (P) picture data based on said motion

picture signal in said video transmission unit, storing at least said I picture data and a plurality of said P picture data in a memory unit of said video transmission unit as recited in the claims.

Still further, Takahashi fails to teach or suggest transmitting said I picture data and a different number of P picture data in response to different transmission speeds of a plurality of said transmission lines from said memory unit of said video transmission unit to a plurality of video reception units, respectively as recited in the claims.

Therefore, Takahashi fails to teach or suggest the features of the present invention and as such does not render obvious the claimed invention. Accordingly, reconsideration and withdrawal of the 35 USC §102(e) rejection of claims 1, 3-7; 9, 10, 12, 14 and 15 as being anticipated by Takahashi is respectfully requested.

The remaining references of record have been studied. Applicants submit that they do not supply any of the deficiencies noted above with respect to the reference utilized in the rejection of claims 1-15.

In view of the foregoing amendments and remarks, Applicants submit that claims 1, 3-7, 9, 10, 12, 14 and 15 are in condition for allowance. Accordingly, early allowance of the present application based on claims 1, 3-7, 9, 10, 12, 14 and 15 is respectfully requested.

To the extent necessary, the applicants petition for an extension of time under 37 CFR 1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, or credit any overpayment of fees, to the deposit account of MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C., Deposit Account No. 50-1417 (520.43300X00).

Respectfully submitted,

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.



Carl I. Brundidge
Registration No. 29,621

CIB/jdc
(703) 684-1120